

1014-7 (S/N: 09/755,859)

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In the Specification

*A1* Page 13, Line 15, after "state.", please insert "An exemplary defect mode, is shown as a centrally positioned localized state in the top transmission spectrum graph of FIG. 5.";

*NE* Page 24, Line 1, after "desirable" please delete – at--;

*NE* Page 24, Line 1, before "Preferably" please insert "An exemplary localized state, i.e. defect mode, is shown in the top transmission spectrum graph of FIG. 5.".

In the Drawings

An amended FIG. 5 is enclosed herewith showing the defect mode. Because this response is being submitted by Facsimile, it is impossible to submit the proposed change in red ink. The defect mode is the dark spike in the center of the top graph of FIG. 5 identified with a text remark.

In the Claims:

Please amend claims 1, 4, 7, 6, 9, 15, and 21 as follows:

Marked – Up Amended Claims

1. (Amended) A laser apparatus for producing single mode large-area coherent lasing, comprising:

a periodic structure of a thickness T and of an average refractive index N, having a top surface [portion] and a bottom surface [portion of a thickness T and having an average refractive index N], said periodic structure having periodic refractive index modulation, between said top and said bottom surfaces, of a predefined amplitude [said periodic structure being configured to